

### **DETAILED ACTION**

This is in response to RCE filed on 1/28/08 in which claims 1-18 and 20 are pending. The applicant's arguments have been fully considered therefore this case is in condition for allowance. In addition the pending claims have been renumbered as 1-19, respectively.

#### ***Allowable Subject Matter***

1. The following is a statement of reasons for the indication of allowable subject matter: the prior arts of record fail to anticipate or render obvious the following recited features: Calibration circuitry coupled to the transmitter suitable for sequentially generating at least two of a phase error estimate, a gain error estimate, and a dc offset estimate as recited to all the independent claims.

#### ***Conclusion***

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
3. Lagerblom et al U.S. patent No 6,654,426 B2 teaches a correction of nonlinearity of I/Q modulator.
4. Baker et al U.S. Patent No 5,675,287 teaches a digital DC correction.
5. Wright et al U.S. patent no 6,313,703 B1 teaches a use of antiphase.
6. Miyashita U.S. Patent No 6,288,610 B1 teaches a method and apparatus for correcting signals.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel Bayard whose telephone number

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is 571 272 3016. The examiner can normally be reached on Monday-Friday (7:Am-4:30PM) Alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571 272 3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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